

**MAIL STOP AF**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Samuel I. Stupp et al.  
Title: COMPOSITION AND METHOD FOR SELF-ASSEMBLY  
MINERALIZATION OF PEPTIDE AMPHIPHILES  
Appl. No.: 10/534,097  
Filing Date: November 8, 2005  
Examiner: Samuel Liu  
Art Unit: 1656  
Confirmation No.: 2444  
Atty Docket No.: NANO106US2 (NU 22088)

**MAIL STOP AF**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

**MAILED OCTOBER 19, 2007**

Dear Sir:

In response to the Office Action dated October 19, 2007, please enter the following amendments and remarks:

**Amendments to the claims** are reflected in this listing of the claims which begins on page 2 of this paper; and

**Remarks** begin on page 4 of this paper.